BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estimate for Providing Sodium fittingand electrical fittings to the areas of Ward No-08 Kodigehalli Sub Division

Budget Head :

Ward No.8 Estimate No:- For Rs.10,00,000.00

Sl No	Description Of Work	Qty	Rate	Unit	Amount
	KPWD (Ele) S.R.2014-15				
1 P.No 22 I.No4 16	Supplying High pressure sodium vapour street light luminaire suitable for use with high pressure sodium vapour lamp with integrated control gear and grey colr powder coated. The fitting shall be non corrosive pressure die cast aluminium housing with high purity anodized aluminium housing with EPDM Gaskets suitable for Outer Dia of pole 40 mm -60 mm. Cable entry through a cable gland with toggle clips. IP65 protection for both optical & electrical compartment. Bottom cover may be with poly carbonate/tempered/ toughened glass.Luminaire efficiency should be > 60 % and ambient temperature >35 deg C. High Intensity Discharge electro magnetic ballast with copper winding of Orthocyclic winding coil. Class H insulated dual coated copper wire. Complaince to IEC 61347-2-9 Safety & IEC 60923-Performance Winding Temperature rise " T=70 deg C. Luminaire shall be suitable to operate on 230/250 V 50 Hz AC supply finish including wiring , Ignitor, condenser, SS Toggles for opening front hingeable glass 250 Wattsa) Group 'A'	108	6900.00	Each	745200.00
2 P.No-108 I.No-17 3	Supplying and Fixing 50mm class A GI pipe up to 4.5 mtrs. long with a reducing collar of 50x40mm to which, an extension of 250 mm pipe is fixed for 125 or 250/400 watts MV / sodium vapour street light fitting, using suitable clamps, bolts ,nuts, and wiring using suitable capacity wires.	38	2258.00	Each	85804.00
3 P No-108 I.No-17.1	Supplying and Fixing of..... mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires. 17.1.2)Using 32mm dia G.I.pipe	70	893.00	Each	62510.00
4 P No-56 I.No-7.6.1	Supplying of 1.1 KV grade Aerial Bunched Cable Stranded and Compacted Aluminium Phase Conductor and Stranded Messenger Conductor with all aluminium Alloy. Phase Conductor is insulated with XLPE Compound, Insulated Messanger with SpecifiedIS-14255:1995 & confirming to GTP of Group A 2X16+1X25Sqmm	750	92.00	mtr	69000.00
5 I.no-26.5	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 25 Sq mm + 1X 16 sqmm + 1X 25Sqmm + 1X 35 sqmm)	750	8.96	P/Mtr	6720.75
6 9/286	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	5	140.00	Nos	700.00
7 9/287	suspension clamp assemblly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	38	280.00	Nos	10640.00
8 13/255	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	38	85.00	Nos	3230.00

9 13/25	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	5	85.00	Nos	425.00
10 P.No-33 I.No-5.4.2	Supply and fixing of .. .. cross arm including all Hardwares compete as per the standard technical specification.b) 2 Pin 45x45x5mm-510mm	38	306.00	Each	11628.00
11 P.No-108 I.No-17.5	Fixing halogen/metal halide/SVL/IL /LED floodlight fitting over existing pole/wall ceiling including clamps ,bolts ,nuts and wiring using suitable capacity wires complete. Labour charges for releasing of material shall be at 90 % of the cost of erection . Rate of fixing is Rs.176.00 =0.9 X 306.00=158.4 Therefore 176.00+158.40=334.40	12	334.40	Each	4012.80
	Miscellaneous				129.45
	TOTAL				**1000000.00**

CERTIFICATE :-

1 The place was inspected and the work is essential.
2 The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3 The estimate is based on KPWD (Ele) S.R.2014-15 Rates Effective from 1-08-2014 , BESCOM SR and KPWD (Ele) S.R.2010-11

Assistant Engineer (Ele)
Yelahanka Zone

Asst. Executive Engineer (Elecl)
Yelahanka Zone

EXECUTIVE ENGINEER (ELECL)
Yelahanaka Zone, BBMP

Administrative Sanction for Rs. 10.00 lakhs
Ten Lakhs only
is accorded under P.3089. Special Development works in 7 CMC and 1 TMC area. in BBMP
Registered ... Subject
to conditions ... Memo
No. EE|Ele|Y2|AS|01|15-16 Date 04.8.2015

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 lakhs
Rupees Ten Lakhs only
Under P.3089. Special Development works in 7 CMC and 1 TMC area in BBMP
Regis... No. ... 9 9
Subj... ...uisition ... ...ued in
endos... ...EE( ) No. EE|Ele|Y2|AS|01|15-16
Dt. 04.08.2015 ... Sanctioned
EE|Ele|Y2|TS|01|15-16
Dated 06|08|2015 ... Rs. 10.00 lakhs

Executive Engineer